

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently Amended) A photoreceptor, comprising:

an electroconductive substrate;

a photosensitive layer ~~located~~ overlying the substrate; and

a protective layer ~~located~~ overlying the photosensitive layer,

wherein the photoreceptor has a the property such that when the photoreceptor is charged so as to have a potential of -700 V and then is exposed to light ~~with~~ at an exposure intensity of $0.4 \mu\text{J}/\text{cm}^2$, the potential (PL) of a ~~lighted~~ light exposed portion of the photoreceptor decreases at a rate not greater than 700 V/sec during a time period ~~of~~ ranging from a time of 35 msec after ~~the~~ said exposure to a transition time of the photoreceptor.

Claim 2. (Original) The photoreceptor according to Claim 1, wherein the protective layer comprises a charge transport material.

Claim 3. (Original) The photoreceptor according to Claim 2, wherein the charge transport material is a charge transport polymer.

Claim 4. (Original) The photoreceptor according to Claim 3, wherein the charge transport polymer has a triaryl amine structure.

Claim 5. (Original) The photoreceptor according to Claim 1, wherein the photosensitive layer comprises a charge generation layer and a charge transport layer, which are overlaid.

Claim 6. (Original) The photoreceptor according to Claim 5, wherein the charge transport layer has a charge mobility (μ) not less than $1.2 \times 10^{-5} \text{ cm}^2/\text{V} \cdot \text{sec}$ at an electric field strength of $4 \times 10^5 \text{ V/cm}$, and wherein dependence (β) of the charge mobility on the electric field strength (E) is not greater than 1.6×10^{-3} , wherein $\beta = \log \mu / E^{1/2}$.

Claim 7. (Currently Amended) A method for manufacturing the photoreceptor according to Claim 1, comprising:

spray-coating a protective layer coating liquid that comprises ~~including~~ a solvent[,] in which ~~dissolves~~ a resin, that is present ~~included~~ in the photosensitive layer, is dissolved, on the photosensitive layer, wherein the following relationship is satisfied:

$$1.3 < W1/W2 < 1.9$$

wherein W1 represents a the weight of the coated protective layer, which is measured after coating the protective layer coating liquid and allowing the coated liquid to settle for 1 hour under the conditions of $25 \pm 3^\circ \text{ C}$ and $53 \pm 5 \% \text{ RH}[:,]$, and W2 represents a the weight of the coated protective layer, which is measured after coating the protective layer coating liquid and drying the coated liquid for 10 minutes or more at a temperature not lower than a the

boiling point of the solvent.

Claim 8. (Currently Amended) An image forming apparatus, comprising:

- the photoreceptor according to Claim 1;
- a charger configured to charge the photoreceptor;
- a light irradiator configured to irradiate the photoreceptor with imagewise light to form an electrostatic latent image on the photoreceptor;
- an image developer configured to develop the electrostatic latent image with a toner to form a toner image on the photoreceptor; and
- a transfer device configured to transfer the toner image to a receiving material optionally via an intermediate transfer medium,

wherein ~~an~~ the interval between the light irradiation step and the development step is not greater than 100 ms.

Claim 9. (Original) The image forming apparatus according to Claim 8, wherein the transition time of the photoreceptor is not greater than the interval between the light irradiation step and the development step.

Claim 10. (Currently Amended) A process cartridge, comprising:

- the photoreceptor according to Claim 1; and
- at least one ~~of a~~ charger configured to charge the photoreceptor;
- a light irradiator configured to irradiate the photoreceptor with imagewise light

Appln No. 10/803,256

Reply to the Office Action of October 17, 2006

to form an electrostatic latent image on the photoreceptor;

an image developer configured to develop the electrostatic latent image with a toner to form a toner image on the photoreceptor;

a transfer device configured to transfer the toner image to a receiving material optionally via an intermediate transfer medium;

a cleaner configured to clean a surface of the photoreceptor; and

a discharger configured to reduce charges remaining on the photoreceptor.